



Patent

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: KESHAVARZI et al.

Serial No.: Not yet assigned

Filing Date: Filed herewith

For: ASYMMETRIC MEMORY CELL

)
)
) Examiner: Not yet assigned
)
) Group Art Unit: Not yet assigned
)
) **INTEL Docket No.: P18062**
)
)
)
)
)
)

MS PATENT APPLICATION

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450



**UTILITY PATENT APPLICATION TRANSMITTAL
(Large Entity)**

Sir:

Transmitted herewith for filing under 35 USC 111(a) and 37 CFR 1.53(b) is a new utility patent application for an invention entitled: **ASYMMETRIC MEMORY CELL**

and invented by: **KESHAVARZI et al.**

Enclosed are:

1. ☐ Filing Fee as calculated and transmitted as described below
2. ☒ Specification having 13 pages and including the following:
 - a. ☒ Descriptive Title of the Invention
 - b. ☐ Cross references to Related Applications (*if applicable*)
 - c. ☐ Statement Regarding Federally-sponsored Research/Development

- d. ☐ Reference to Microfiche Appendix (*if applicable*)
- e. ☒ Background of the Invention
- f. ☐ Brief Summary of the Invention
- g. ☒ Brief Description of the Drawings (*if drawings filed*)
- h. ☒ Detailed Description
- i. ☒ Claim(s) as Classified Below
- j. ☒ Abstract of the Disclosure
- 3. ☒ Drawing(s) (*when necessary as prescribed by 35 USC 113*)
 - a. ☒ Formal Number of Sheets 9
 - b. ☐ Informal Number of Sheets
- 4. ☐ Oath or Declaration
 - a. ☐ Newly executed (*original or copy*) ☐ Unexecuted
 - b. ☐ Copy from a prior application (37 CFR 1.63(d))
 - c. ☐ With Power of Attorney ☐ Without Power of Attorney
 - d. ☐ DELETION OF INVENTOR(S)
Signed statement attached deleting inventor(s) named in the Prior Application, see 37. CFR 1.63(d)(2) and 1.33(b).
- 5. ☐ Incorporation By Reference (*usable if Box 4b is checked*)
The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied under Box 4b, is considered as being part of the disclosure of the accompanying application and is hereby incorporated by reference therein.
- 6. ☐ Assignment Papers (*cover sheet & documents(s)*)
- 7. ☐ 37 CFR 3.73(B) Statement (*when there is an assignee*)
- 8. ☐ English Translation Document (*if applicable*)
- 9. ☒ Information Disclosure Statement/PTO-1449 ☒ Copies of IDS Citations
- 10. ☐ Preliminary Amendment
- 11. ☒ Acknowledgement Postcard
- 12. ☒ Mailed Via
 - ☐ First Class ☒ Express Mail (*Specify Label No.*) **EL963891175US**
- 13. ☐ Certified Copy of Priority Document(s) (*if foreign priority is claimed*)
- 14. ☐ Request and Certification under 35 USC 122(b)(2)(B)(i) (*attach PTO/SB/35*)
- 15. ☐ Additional Enclosures:

FEE CALCULATION

For	No. Filed	No. Allowed	No. Extra	Rate	Fee
Total Claims	23	- 20	3	\$18.00	\$54.00
Indep. Claims	5	- 3	2	\$86.00	\$172.00
Multiple Dependent Claims (If applicable, please add \$ 290.00)					\$0.00
BASIC FEE					\$770.00
OTHER FEE (specify purpose):					\$0.00
TOTAL FILING FEE					\$996.00

No fee is enclosed.

Respectfully submitted,



December 31, 2003
Date

Nandu A. Talwalkar
Registration No. 41,339
Attorney for Intel Corporation
Buckley, Maschoff & Talwalkar LLC
Five Elm Street
New Canaan, CT 06840
(203) 972-0049